



IFWO

RAW SEQUENCE LISTING

DATE: 10/12/2004

PATENT APPLICATION: US/10/649,467

TIME: 12:10:17

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10122004\J649467.raw

3 <110> APPLICANT: Lex M. Cowser

4 Brenda F. Baker

5 John McNeil

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7 Henri M. Sasmor

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11 Alexander Borchers

12 Timothy A. Vickers

14 <120> TITLE OF INVENTION: Identification of Genetic Targets for Modulation By

Oligonucleotides and

15 Generation of Oligonucleotides for Gene Modulation

W--> 16 <130> FILE REFERENCE: ISIS0085-100 (ISIS2960US.C2)

18 <140> CURRENT APPLICATION NUMBER: 10/649,467

19 <141> CURRENT FILING DATE: 2003-08-27

21 <150> PRIOR APPLICATION NUMBER: 09/067,636

22 <151> PRIOR FILING DATE: 1998-04-28

24 <150> PRIOR APPLICATION NUMBER: 60/081,483

25 <151> PRIOR FILING DATE: 1998-04-13

27 <160> NUMBER OF SEQ ID NOS: 112

29 <170> SOFTWARE: PatentIn Ver. 2.1

31 <210> SEQ ID NO: 1

32 <211> LENGTH: 18

33 <212> TYPE: DNA

34 <213> ORGANISM: Artificial Sequence

36 <220> FEATURE:

37 <223> OTHER INFORMATION: Description of Artificial Sequence: oligomeric compound

39 <400> SEQUENCE: 1

40 ccagcgccgca ggaccact 18

43 <210> SEQ ID NO: 2

44 <211> LENGTH: 18

45 <212> TYPE: DNA

46 <213> ORGANISM: Artificial Sequence

48 <220> FEATURE:

49 <223> OTHER INFORMATION: Description of Artificial Sequence: oligomeric compound

51 <400> SEQUENCE: 2

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58 <213> ORGANISM: Artificial Sequence

60 <220> FEATURE:

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64 aggtgagacc aggcggca 18
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87 <400> SEQUENCE: 5
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96 <220> FEATURE:
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99 <400> SEQUENCE: 6
100 gcaagcagcc ccagagga 18
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105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence: oligomeric compound
111 <400> SEQUENCE: 7
112 ggtcagcaa gcagcccca 18
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118 <213> ORGANISM: Artificial Sequence
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124 gacagcggtc agcaagca 18
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129 <212> TYPE: DNA
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132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: oligomeric compound
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139 <210> SEQ ID NO: 10
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154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
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159 <400> SEQUENCE: 11
160 ggtggttctg gatggaca 18
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165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
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176 <211> LENGTH: 18
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
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187 <210> SEQ ID NO: 14
188 <211> LENGTH: 18
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
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200 <211> LENGTH: 18
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Artificial Sequence: oligomeric compound
207 <400> SEQUENCE: 15
208 ctggcacaaa gaacagca 18

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Input Set : A:\PTO.FG.txt

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223 <210> SEQ ID NO: 17
224 <211> LENGTH: 18
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial Sequence
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262 <213> ORGANISM: Artificial Sequence
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Input Set : A:\PTO.FG.txt

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285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial Sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: Description of Artificial Sequence: oligomeric compound
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295 <210> SEQ ID NO: 23
296 <211> LENGTH: 18
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
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303 <400> SEQUENCE: 23
304 attccgtttc agtgaact 18
307 <210> SEQ ID NO: 24
308 <211> LENGTH: 18
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial Sequence
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319 <210> SEQ ID NO: 25
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321 <212> TYPE: DNA
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325 <223> OTHER INFORMATION: Description of Artificial Sequence: oligomeric compound
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328 ttcaccgcaa ggaaggca 18
331 <210> SEQ ID NO: 26
332 <211> LENGTH: 18
333 <212> TYPE: DNA
334 <213> ORGANISM: Artificial Sequence
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339 <400> SEQUENCE: 26
340 ctctgttcca ggtgtcta 18
343 <210> SEQ ID NO: 27
344 <211> LENGTH: 18
345 <212> TYPE: DNA
346 <213> ORGANISM: Artificial Sequence
348 <220> FEATURE:
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352 ctggtggcag tgtgtctc 18
355 <210> SEQ ID NO: 28
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/649,467

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Input Set : A:\PTO.FG.txt

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